



తెలంగాణ రాజ పత్రము
RULES SUPPLEMENT TO PART - I
EXTRAORDINARY
OF
THE TELANGANA GAZETTE
PUBLISHED BY AUTHORITY

No. 35] HYDERABAD, WEDNESDAY, JULY 26, 2017.

NOTIFICATIONS BY GOVERNMENT

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INDUSTRIES AND COMMERCE DEPARTMENT

(Mines- I)

CERTAIN AMENDMENTS TO THE TELANGANA STATE MINOR MINERAL CONCESSION RULES, 1966.

[G.O.Ms. No. 48, Industries and Commerce (Mines- I), 26th July, 2017.]

In exercise of the powers conferred by sub-section (4) of Section 15 of the Mines and Minerals (Development and Regulation) Act, 1957 (Central Act 67 of 1957), the Governor of Telangana hereby issues the following amendments to the Telangana State Minor Mineral Concession Rules, 1966.

AMENDMENTS

In the said rules,

- (1) Rule -4, after clause (1), the following clause shall be added, namely:-
- (g) “ Lessee” when used in relation to a quarry, means any person, society registered under the Co-operative Societies Act, 1974, Partnership firm or a firm registered under Companies Act to whom a lease is granted under these Rules.
- (h) (i) “Quarry” means any excavation where any operation is being carried to dug out or extract from a mass of rock by cutting, blasting and it include boreholes, shafts, ass open cast workings, all audits, safety structures, all transportation means, any premises for time being used for depositing mine wastes, processing units and other allied activities.
(ii) “Quarry Lease” means a precise area granted under lease for the purpose of undertaking quarrying operations for winning minerals.
- (i) (i) “Quarry Plan” means a plan prepared under Rule 7-A and scrutinized by the Deputy Director of Mines and Geology on the arrangement for conduct of quarrying in the precise area granted under quarry lease for minerals other than Gravel, Ordinary Earth, Rehmatti, Morrum, Shingle, Chalcedony Pebbles and Gypsum.

(ii) "Feasibility Report" means a report prepared under Rule 7-A provisions and scrutinized by Deputy Director of Mines and Geology for the extraction of Gravel, Ordinary Earth, Rehmatti, Morrum, Shingle, Chalcedony Pebbles and Gypsum.

(iii) "Quarry Closure" means steps taken for reclamation, rehabilitation measures in respect of a quarry or part thereof after cessation of quarrying or processing operations in a quarry or part thereof.

(j) "Recognized Qualified Person" means a person or an agency granted recognition by the Director of Mines and Geology or Indian Bureau of Mines accredited person or consultancy to prepare Quarry Plan.

2) For rule-5, the following shall be substituted, namely:-

"5. No person shall undertake quarrying of any minor mineral in any area, except under and in accordance with the terms and conditions of a quarry lease or a permit granted under these rules".

3) For Rule-7, the following shall be substituted, namely:-

"7. Preparation of plans and demarcation of the leased area:- When an application for grant of quarry lease is filed over any area, arrangement shall be made by the Assistant Director to take-up survey and demarcation of the applied area for preparation of a quarry sketch.

The boundaries of surveyed and demarcated area referred to as 'precise area' proposed for any lease shall be with geo-coordinates having geo-referencing of three permanent reference points for later identification of the area. The surveyed and demarcated sketch shall reflect the entire geo-coordinates alongwith reference datum.

After the grant and execution of lease deed, the lease holder shall erect boundary pillars on the geo-referenced points marked on ground during survey of the area and as per the surveyed and demarcated sketch at his own expense in the manner prescribed below:

- (i) Distances between successive pillars shall not exceed 20 Mts around the licensed/leased area.
- (ii) The grantee shall make a bore hole of 4½ inch diameter atleast upto a depth of 15 Mts and fill with RCC as permanent pillars.

The Assistant Director alongwith Surveyor shall inspect the granted and executed area within 30 days from the date of execution of lease deed. The Surveyor shall verify and confirm that the boundary pillars erected by the lessee are as per the geo-coordinates of the area shown in the executed sketch enclosed to the lease deed.

A) Quarry Plan: The Quarry Plan is a document which prescribes the methodology for conduct of operations for extraction of minerals. Every lease holder shall invariably carry out operations as per the Quarry Plan.

The system of preparation, self certification, scrutiny and monitoring of quarrying operations shall be in accordance with the Quarry Plan. It is applicable both for open cast and underground quarry leases for (31) minerals, Granite and Marble and existing minor minerals except Gravel, Ordinary Earth, Rehmatti, Morrum, Shingle, Chalcedony Pebbles and Gypsum.

Provided that in case of Gravel, Ordinary Earth, Rehmatti, Morrum, Shingle, Chalcedony Pebbles and Gypsum there shall be a self certified Feasibility Report duly mentioning the mineable quantities to be extracted from the precise area, adoption of safety measures during operations alongwith quarry pit reclamation Plan.

B) Quarry Plan or feasibility report a pre-requisite for quarry operations:-

Quarry Plan or feasibility report is a pre-requisite for systematic and scientific development of mineral deposits of open cast and underground quarries. The quarry operations shall be undertaken in accordance with the self certified Quarry Plan or feasibility report prepared by Recognized Qualified Person (RQP) duly scrutinized by the Deputy Director of Mines and Geology concerned.

Open Cast Quarrying:

(i) For systematic and scientific development of mineral deposits, open cast quarry operations shall be undertaken in accordance with the Quarry Plan or feasibility report prepared by Recognized Qualified Person (RQP) duly scrutinized by the Deputy Director of Mines & Geology.

(ii) The quarry lease holders, commenced operations before commencement of these rules without Quarry Plan or feasibility report, shall submit a self certified Quarry Plan or feasibility report within six months from the date of commencement of these rules to the Deputy Director of Mines and Geology for its scrutiny.

Provided that if a lease holder fails to submit a self certified Quarry Plan or feasibility report within six months as per sub rule (ii) for the reasons beyond his/her control, shall submit the same within further period of six months alongwith an amount equivalent to one year dead rent as penal fee in head of account 0835-102-81.

Provided further that if any lease holder fails to submit a self certified Quarry Plan or feasibility report within the extended period of six months, such quarry lease shall be determined by the granting authority.

(iii) If the quarry operations are not carried out in accordance with the self certified Quarry Plan or feasibility report as the case may be, the Deputy Director on report from the Assistant Director shall issue orders for suspension of quarry operations in the entire lease area or part thereof.

(iv) On compliance of rectifications by the lease holders and report by the Assistant Director, the Deputy Director shall revoke the suspension orders and restore the quarry operations.

(v) The overburden and waste material generated during quarry operations shall not be allowed to be mixed with non-saleable or sub-grade minerals/ores and it shall be stacked separately.

(vi) The modifications to self certified Quarry Plan or feasibility report during the operation of a quarry lease shall require prior scrutiny of Deputy Director concerned.

Underground Quarry Operations:

Though not very often, the minor minerals occur underground, but in case of such occurrences, the operations shall be:

- a) Carried out to achieve optimum mineral recovery.

- b) Planned in accordance with method of stopping with due consideration to the geology and geo-mechanical properties of mineral with reference to the adjoining rock formation.
- c) The size of development of openings, blocks and pillars shall remain stable during the development and stopping stages.
- d) The stopping material shall not cause any disturbance to the surface.
- e) The sub-grade minerals shall be brought to the surface and stacked separately instead of leaving underground.

Eligibility Criteria for preparation of Quarry Plan or feasibility report:

Mining Engineers and Geologists registered with the Department of Mines and Geology and having the following educational qualification are eligible for preparation of Quarry Plan or feasibility report and may also carry out modifications of the existing Quarry Plan or feasibility report.

A degree in Mining Engineering or post-graduate degree in Geology awarded by a University established or incorporated by or under a Central Act, a Provincial Act or a State Act, including any institution recognized by the University Grants Commission established under Section 4 of the University Grants Commission Act, 1956 or any equivalent qualification granted by any University or Institution outside India with professional experience of five years of working in a supervisory capacity in the field of mining or mineral administration after obtaining a degree or qualification required.

Model Quarry Plan or feasibility report:

The Quarry Plan or feasibility report shall be prepared broadly following the model format given in Form-W or Feasibility Report covering broad Geological and quarry aspects as the case may be. The Quarry Plan or Feasibility Report as the case may be, shall be certified by the lessee/applicant in Form-W(A).

The Recognized Qualified Person shall upload the Quarry Plan or feasibility report in Mines & Geology Department website alongwith certificates in Form-W(A) & W(B)(RQP Certificate) and also submit hard copy to the Deputy Directors concerned, with a treasury challan of Rs.5000/- (Rupees Five Thousand Only) towards non-refundable amount to be paid in Head of Account 0853-102-81-Other Receipts, towards quarry plan or feasibility report scrutiny fee.

Scrutiny of Quarry Plan or feasibility report:

- (a) The Deputy Director concerned shall scrutinize the uploaded Quarry Plan/ Scheme of Quarrying/Feasibility Report/Progressive Quarry Closure Plan/Final Quarry Closure Plan by the applicant/lease holder as the case may be after inspecting the précised area.
- (b) The copies of scrutinized Quarry Plan or in-complete Quarry Plan or feasibility report with the reasons in writing shall be upload in the Departmental website within 30 days from the date of online submission or otherwise the same will be treated as deemed scrutinized.
- (c) The Deputy Director concerned shall inspect the deemed scrutinized Quarry Plan or feasibility report area for Quarry Lease within 30 days from the date of

deemed scrutinized Quarry Plan. In case, if deviations noticed, the Deputy Director shall recommend for modification of Quarry Plan or feasibility report and till the rectification, the quarrying operations in that part of the leased area shall remain suspended.

- (d) Every scrutinized self certified Quarry Plan or feasibility report under these rules shall be valid for the entire duration of the lease:

Provided that a lease holder shall submit scrutinized Progressive Quarry Scheme or fresh feasibility report for every five years before three months of the completion of the first or subsequent five year quarry plan/quarry scheme or feasibility report as the case may be.

- (e) Assistant Director in whose jurisdiction the quarry lease exist, shall monitor the implementation of approved Quarry Plan/Feasibility Report. In case of non-compliance of Quarry Plan or feasibility report conditions the Assistant Director shall submit report to Deputy Director concerned.

- (f) The lessee shall keep all records pertaining to Quarry Plan or feasibility report, working plans, sections and other related documents at quarry site and produce readily to the inspecting officer.

(viii) Quarry Closure:

During or after the extraction of the minerals, a lease holder or permit holder shall take necessary steps for reclamation of the quarried out area as per scrutinized progressive quarry closure or final quarry closure Plan or feasibility report.

The compliance of quarry closure shall be by a lease holder for (31) minerals, existing minor minerals, Granite and Marble or by a lease holder or permit holder in respect of Gravel, Ordinary Earth, Rehmatti, Morrum, Shingle, Chalcedony Pebbles and Gypsum shall:

- a) Furnish Financial Assurance of Rs.25000/- per Hectare in shape of Letter of Credit/Bank Guarantee from any Scheduled Bank drawn in favour of Assistant Director concerned at the time of execution of lease deed or obtaining permit.
- b) Release of financial assurance shall be effective upon the notice given by the lessee or permit holder for the satisfactory compliance of the provisions contained in the mine closure Plan or feasibility report.
- c) The quarry lease holder or permit holder shall not abandon a quarry or a part of quarry or permit area during the subsistence of lease or permit except with prior permission in writing from the Deputy Director.
- d) The every quarry lease holder or permit holder shall send to the Deputy Director a notice of his intension to abandon a quarry or a part of a quarry atleast 90 days before the intended date of such abandonment.
- e) The every quarry lease holder or permit holder shall not abandon the quarry or part thereof or permit area unless a final quarry closure Plan or feasibility report duly scrutinized by the Deputy Director as the case may be is implemented.

- f) The Deputy Director may by an order in writing reject abandonment proposal or allow as the case may be to be done with such modifications may specify in the order.
- g) The every quarry lease holder or permit holder shall have the responsibility to ensure that the protective measures contained in the quarry closure Plan or feasibility report have been carried out in accordance with the self certified Quarry Closure Plan or feasibility report.

4) For Rule 9, the following shall be substituted namely:-

9. Authority to grant quarry lease or permit:- (i) Every application for grant or renewal of quarry lease for (31) minerals, Marble and Granite and existing minor minerals except Ordinary Sand, in respect of any land shall be made to the Assistant Director in whose Jurisdiction the land lies. In respect of Ordinary Sand the grant shall be as per Telangana State Sand Mining Rules, 2015 and amendments from time to time.

(ii) The Director shall be competent authority to grant prospecting license or quarry lease for (31) minerals and Granite and Marble; the Deputy Director shall grant quarry lease or permit for existing minor minerals.

(iii) No quarry lease shall be granted in respect of areas covering any tank or river bed, irrigation or drainage channel and of lands under the control of the Public Works Department, a municipality, or a local authority except after consultation with the Executive Engineer of the Division or the River Conservator, or the Commissioner of the Municipality or the Block Development Officer of the Panchayat Samithi or the concerned Executive Officer appointed under Section 30 of the Andhra Pradesh Gram Panchayats Act, 1964, as the case may be.

(iv) In respect of minor minerals such as Building Stone, Rough Stone or Boulders or Road Metal or Ballast, Gravel, Ordinary Earth, Rehmatti, Morrum, Shingle, Chalcedony Pebbles, Ordinary Clay and Silt which are worked to meet the immediate or timely requirements, the Deputy Director may permit to carry on extraction subject to compliance of these rules.

Provided that the permit granted under sub-rule (iv) shall in no case be for a period more than sixty days.

Provided further that a quarry lease or permit in respect of minerals located in reserve forest land shall be granted subject to clearance from Forest Department as per the Forest Conservation Act, 1980 and amendments from time to time.

5) In Rule 10 for sub rule (1), the following shall be substituted, namely:

(1):- (i) Categorization of minor minerals:- The minor minerals are categorized as follows:

(31) minerals	Agate, Ball Clay, Barytes, Calcareous Sand, Calcite, Chalk, China Clay, Clay (others), Corundum, Diaspore, Dolomite, Dunite or Pyroxenite, Felsite, Feldspar, Fire Clay, Fuchsite Quartz, Gypsum, Jasper, Kaolin, Laterite, Limekankar, Mica, Ochre, Pyrophyllite, Quartz, Quartzite, Sand(others), Shale, Silica Sand, Slate and Steatite or Talc or Soapstone
Granite and Marble	Granite useful for cutting and polishing Colour and Black; Marble
Existing minor minerals	Building Stone; Rough Stone/Boulders; Road Metal & Ballast; Dimensional Stone used for Kerbs & Cubes; Limekankar/ Limestone used for making burnt lime; Limeshell; Mosaic Chips; Morrum/Gravel & Ordinary Earth; Ordinary Sand/Sand manufactured from Boulders useful for Civil Construction; Shingle; Chalcedony Pebbles; Fullers Earth/Bentonite; Shale/Slate; Rehmatti; Limestone Slabs; Colour, White, Black; Ordinary Clay, Silt and Brick Earth used in the manufacture of Bricks including Mangalore tiles.

(ii) Seigniorage fee or dead rent:- When a quarry lease or permit is granted under these rules, the seigniorage fee or dead rent whichever is higher, shall be charged on all minor minerals despatched or consumed from the land at the rate specified in Schedule-I and Schedule-II as the case may be in addition to other statutory requirements under these rules.

6) In Rule 12, after Sub-rule (3) at the end, the following shall be added, namely :

On receipt of proposals for grant of quarry lease or permit, the Deputy Director shall take an inprinciple decision proposing grant for the precise area as per the preference under Sub-rule (3) and issue notice to the applicant for submission of scrutinized self attested quarry plan or feasibility report, Environmental Clearance, Consent for Establishment within six months or period extended on merits on a case-to-case basis, but within one year from the date of issue of first notice. If the applicant fails to comply with the notice within one year, the application shall be rejected duly withdrawing the notice.

7) In Rule 12, after Sub-rule (4), the following shall be substituted, namely:

(4) (i) Every application for renewal of quarry lease for (31) minerals, Granite and Marble shall be filed by the lease holder twelve months before the expiry of lease and no renewal of quarry lease shall be granted without obtaining scrutinized self attested quarry plan, Environmental Clearance, Consent for Operation.

(ii) The Director, on receipt of proposals for renewal of quarry lease shall issue notice to the applicant for submission of scrutinized self attested quarry plan, Environmental Clearance, Consent for Operation within six months or period extended with due consideration of merits on case-to-case basis, but in any case not later than the expiry of the lease period.

(iii) The applicant shall comply with the submission of scrutinized self attested quarry plan, Environmental Clearance, Consent for Operation and obtain the renewal of quarry lease before the expiry of lease period. If the applicant fails to do so, no

quarry operations shall be permitted beyond the expiry of lease period, till the renewal of quarry lease is obtained and enters into renewal lease deed.

(iv) Wherever an applicant fails to obtain renewal of quarry lease within twelve months from the expiry of lease period, the Director shall reject the renewal of quarry lease application duly withdrawing the notice and the area held under quarry lease may be considered for fresh allotment.

Provided that the Director, by order may relax the twelve month period for filing of renewal application but in any case it shall not beyond the expiry of lease period, but no quarrying operations shall be permitted after the expiry of lease period till the renewal of quarry lease is obtained by the lease holder.

8) In Rule 12, after sub rule (6) the following shall be added, namely:

(7) Processing of prospecting license application for (31) minerals:

(i) The prospecting licensee shall pay Rs.1000/- (Rupees one thousand only) per Hectare per annum towards prospecting fee at the time of execution of license deed and for the subsequent years one month in advance every year alongwith land assessment and cess on land assessment as per prevailing rates. The licensee shall deposit an amount equal to one year prospecting fee towards security deposit for observation of terms and conditions of the licensee.

(ii) The prospecting licensee shall carry away a maximum quantity of 50 Metric Tonnes in respect of 29 minerals and 10 Tonnes in respect of Jasper and Mica respectively during the entire period of prospecting license after payment of seigniorage fee exclusively for research and development studies including qualitative and testing purpose(s).

9) For Rule-13, the following shall be substituted, namely :-

13. Disposal of applications:- (1) The applications for the grant of quarry lease in respect of existing minor minerals shall be disposed of by the Deputy Director concerned as per Rule 12. The Deputy Director concerned shall reject the applications in the event of default on the part of the applicants for not attending inspection or survey or non-submission of Mineral Revenue Clearance Certificate or any other material papers as required by Deputy Director. The lease deed shall be executed within ninety days from the date of grant or within such further period as the Director may allow in this behalf provided the grantee applies for extension of time within thirty days from the date of expiry of the period stipulated for execution. Such extensions can be granted by the Director not exceeding two times and such time not exceeding thirty days. If no lease deed is executed within the stipulated period or extended period due to any default on the part of the applicant, the authority who is competent to grant quarry lease shall revoke the order granting lease.

Provided that any such application may be entertained for the first time even after the prescribed period specified above, if the applicant satisfies that he had sufficient cause for not making the application within the specified time.

(2) Every application for the renewal of a quarry lease shall be accompanied by a Treasury or Bank challan for rupees one thousand and five hundred in token of remittance towards application fee and check survey, made at least twelve months

before the expiry of the period of lease to the Deputy Director and it shall be disposed of before the expiry of the lease period.

Provided that where the renewal of quarry lease application is filed as per Rule 13(2) or in relaxation of the stipulated period but it shall not be before the expiry of lease period by the Deputy Director in writing and not disposed off before the expiry of the lease, the quarry operations beyond the lease period shall be stopped till the renewal of quarry lease is granted by the Deputy Director. However, the Deputy Director by all means shall dispose of the renewal of quarry lease application within twelve months from the date of expiry of lease period.

Provided further that where the renewal of quarry lease application has been filed within the stipulated period as per the provisions prior to the amendment of the rules, quarrying activity shall not be permitted beyond the lease period or wherever being continued under deemed renewal clause shall be stopped forthwith, till the applicant obtains renewal of quarry lease orders as per amended rules and enters into renewal lease deed.

Provided further that where the renewal of quarry lease application has been filed within the stipulated period as per the provisions prior to the amendment of the rules and if the applicant fails to obtain renewal of quarry lease as per amended rules beyond twelve months from the date of expiry of lease period, the competent authority shall reject the renewal of quarry lease application duly withdrawing the notice and the area held under quarry lease may be considered for fresh allotment.

(3) The Deputy Director shall grant renewal of quarry lease for a further period as per Rule-15 till exhaust of mineral provided the lease holder carried quarry operations as follows:

- i) No record of violation of Rules and breaches of terms and conditions of lease deed.
- ii) Systematic development of quarry with effective waste management and conservation of mineral.
- iii) Investment on development of transport and establishment of a value added industry.
- iv) Implementation of Progressive Quarry Closure Plan.
- v) Adoption of latest quarrying techniques and generation of employment.
- vi) Measures of social responsibility.
- vii) Any other information envisaged by the Deputy Director for grant of renewal."

10) For Rule-15, the following shall be substituted, namely: -

"15 (i) The period of quarry lease for all minor minerals except Gravel, Ordinary Earth, Rehmatti, Morrum, Shingle, Chalcedony Pebbles, Gypsum and Sand, the period of lease and their renewals shall be 20 years.

(ii) In case of Gravel, Ordinary Earth, Rehmatti, Morrum, Shingle, Chalcedony Pebbles and Gypsum, the period of lease and their renewals shall be 5 years."

JAYESH RANJAN,

Principal Secretary to Government & CIP (FAC),

FORM-W

(See Rule 7-B)

**FORMAT FOR PREPARATION OF QUARRY PLAN/SCHEME OF MINING/FEASIBILITY
REPORT INCLUDING PROGRESSIVE/FINAL QUARRY CLOSURE PLAN**

As per Rule 7-B, quarry plan shall incorporate tentative scheme of quarrying and annual program and plan for excavation from year to year for 5 years and the format is based on the above concept alongwith the other provisions.

All years are financial years except for fresh grant cases where it is I, II, III, IV and V year. Quarry Plan/Scheme of quarrying (review of the Quarry plan) is to be prepared lease-wise.

If more space is needed to fill out a block of information, use additional sheets and attach to the form.

All the plans and sections may be in accordance with MCDR, 1988 and MMR, 1961.

1.0 General

i)	Name of applicant/lessee:	
ii)	Address:	
	District	
	State	
	Pin code	
	Phone	
	Fax	
	Mobile No.	
	Email Id	
iii)	Status of applicant/lessee: Private Individual/Co-operative Association/Private Company/Public Limited Company/Public Sector Undertaking/Joint Sector Undertaking/Other (Please specify)	
iv)	Mineral (s) which is/are included in the prospecting license (For Fresh grant)	
v)	Mineral (s) which is/are included in the letter of intent/lease deed	
vi)	Mineral (s) which is the applicant/lessee intends to mine	

vii)	Name of a person employed under clause (c) of Sub Rule (1) of Rule 42 of MCDR, 1988 preparing Quarrying Plan	
	Address	
	Phone No.	
	Mobile No.	
	Fax No.	
	Email. ID	
	Designation	
	Date of appointment	

2.0 LOCATION AND ACCESSIBILITY

a)	Lease Details (Existing Quarry):	
i)	Name of Mine	
ii)	Lat/long of any boundary point	
iii)	Date of grant of lease	
iv)	Period /Expiry Date	
v)	Name of lessee	
vi)	Postal Address	
	Telephone No.	
	Fax No.	
	Email ID	
	Mobile No.	
b)	Details of applied/lease area with Precise area demarcation lease sketch duly certified by the State Government alongwith complete demarcation report giving co-ordinates of all boundary pillars.	

Forest		Non - forest	
Forest(specify) Division, Range, Beat and Compartment	Area(Ha)	(i) Waste land (ii) Grazing land (iii) Agriculture land (iv) Others (specify)	Area(Ha)

i)	Total lease area/applied area	
ii)	District & State	
iii)	Taluka	
iv)	Village	
v)	Whether the area falls under Coastal Regulation Zone (CRZ)? If yes, details thereof.	
vi)	Existence of public road/railway line, if any nearby and approximate distance	
vii)	Topo-sheet No. with latitude & longitude of all corner boundary point/pillar	
viii)	Attach a general location map showing area and access routes. It is preferred that the area be marked on a Survey of India topographical map or a cadastral map or forest map as the case may be. However, if none of these are available, the area may be shown on an administrative map.	

3.0 Technical details:

i)	Introduction	
ii)	Infrastructure and communication	
iii)	Geology and Exploration	
	Physiography	
	Topography	
	Regional Geology	
	Geology of the area	
	Details of prospecting/mining already carried-out	
iv)	Estimation of geological reserves	
	Geometry of the deposit	
	Method of estimation of reserves	
	Categorization of reserves:	
	a) Total geological reserves	
	b) Reserves in UNFC Code	
	c) Reserves blocked under buffer zone	
	d) Reserves blocked under sloops	
	Total mineable reserves:	
	a) Extraction of market grade reserves.	

	b) Recovery (proved)	
	c) Recovery (probable)	
	d) Life of mine	
	Economic marketable reserves	
v)	Mining:	
	Method of mining	
	Beneficiation (If required)	
	Drilling & Blasting	
	Production proposed for five years	
	Men & Machinery	
	Details of stockyard, Non-saleable stock, waste dump, Site services, Explosive magazine, etc.	
vi)	Market analysis	
vii)	Waste management plan	
	Measures to be adopted for solid waste	
	Liquid waste (Measures to control mine drainage, runoff from waste dumps)	
viii)	Environmental management plan	
	Baseline information	
	Existing land use	
	pattern Water regime	
	Flora & Fauna	
	Quality of air, ambient noise level and	
	water Climatic condition	
	Human settlements	
	Public buildings, places & monuments	
	Whether the area partly or fully fall under notified Water (Prevention & Control of Pollution) Act, 1974	
ix)	Environmental impact assessment	
	Land degradation	
	Air quality Noise	
	levels Vibration	
	levels Socio-	
	economics	

x)	Environment management	
	Temporary utilization of top soil	
	Year-wise proposal for reclamation of land affected by mining activities in first/subsequent five years In	
	case of abandoned quarries/pits, proposal for uses reservoir, size, water holding capacity and its utilization	
	Programme for afforestation year-wise for the first years indication the No. of plants with name of species to be afforested with extent of area.	
	Stabilization and vegetation of dumps alongwith waste dump management year-wise.	
	Measures to control erosion/sedimentation of water courses	
	Treatment and disposal of water from mines	
	Measures for minimizing adverse affects on water regime.	
	Protective measures for ground vibrations.	
	Measures for protecting historical monuments and for rehabilitation of human settlements likely to be disturbed due to mining activity.	
	Socio-economic benefits arising from the mining.	
	Site services	
	Any other information	

Form - W(A)
(See Rule 7-B)

SELF CERTIFICATION BY THE APPLICANT

I.....son/daughter/wife/Managing Director/Managing Partner/
Proprietor of being lessee/owner/nominated owner/legal
heir of (Name of proposed mine/lease) over an area of
..... Ha Located in Sy. No.....Village Mandal
..... of Police Station in the State of
.....

I do solemnly certify that the information furnished in the quarry plan/scheme
of mining/feasibility report is correct and based on the facts to the best of my
knowledge and nothing has been concealed/ suppressed/ circumvented/

misrepresented during preparation of document which may directly or indirectly affect the implementation of the document for execution of the work in the field.

I also do hereby certify that all the rules and regulations viz., the Telangana State Minor Mineral Concession Rules, 1966 alongwith Mines Act, 1952 rules made thereunder, Granite Conservation and Development Rules, 1999, Marble Conservation and Development Rules, 2002, Mineral Conservation and Development Rules, 1988 and Metalliferous Mines Regulations, 1961 have been taken into consideration and nothing in contravention to above referred rules have been furnished in the quarry plan/scheme of mining/feasibility. I am also fully aware that I am solely responsible for implementation of proposals furnished in the document for which the self certification is being signed by me in the document. I stand fully responsible and liable to face the consequences, legal or otherwise as laid down in the statutes or any penalty or fine as may be imposed or ordered by the competent authority for any kind of breach or failure in implementation of the proposals contained therein.

(Name & Signature of the owner/lessee)

Form - W(B)
(See Rule 7-B)

RECOGNIZED PERSON CERTIFICATE

The provisions of the Telangana State Minor Mineral Concession Rules, 1966 alongwith Mines Act, 1952 rules made thereunder, Granite Conservation and Development Rules, 1999, Marble Conservation and Development Rules, 2002, Mineral Conservation and Development Rules, 1988 and Metalliferous Mines Regulations, 1961 have been observed in the preparation of the *Quarry*

Plan/Scheme of Quarrying for (Name of Mine)..... Mine over an area of (area in Ha)..... Ha, of M/s (Name of Owner/Company/Organization)..... In (Village name) P.O. (Post office name)..... District (District Name) of (State name) State and whenever specific permissions are required, the applicant will approach the concerned Government authorities as appropriate.

The information furnished in the *Quarry Plan/Scheme of Quarrying/Feasibility Report* is true and correct to the best my/our knowledge. I/we abide by any order passed by Mines & Geology Department, if any contravention of Act & Rules is found in this matter.

(Name of RQP)

Place:.....

Date:

—X—